National Quality Improvement Initiatives at the AAP

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The Breadth of Quality

Clinical and Operational Quality

Outcomes

- Effective
- Efficient
- Equitable
- Timely
- Patient-Centered
- Safe
- Patient Safety
- Business Operations - Finance
- Health Care Equity
- Access

Creating the Future for Pediatric Health Care

National Drivers
- High cost of care
- Challenges with access to care
- Need for rapid adoption of evidence-based care
- Need for greater transparency in quality to facilitate informed choice
- Maintenance of Certification
- Pay-for-Performance
- Affordable Care Act

Strategic Direction
- Medical Home
- Linkage of primary and subspecialty care
- Research
- Advocacy
- Electronic Health Record
- Physician opportunities for Maintenance of Certification
- Partnering with state Medicaid for meaningful pay-for-performance models

Strategic Partnerships – Alignment of Child Health Priorities – Long-Term Benefits in Adulthood
Developing and Implementing the Quality Strategy at the AAP

• Guidance from the Board of Directors – elected representative of over 60,000 pediatricians

• Influence from national pediatric experts – Steering Committee on Quality Improvement & Management (SCOQIM)

• Leadership of the AAP Quality Cabinet

• Supported by the AAP Quality Staff

• Alignment with national organizations – such as AMA, AHRQ, CMS, NQF, MCHB, CMSS, CHA, March of Dimes, National Partnership for Women and Families, and other professional groups
AAP Participation in CHIPRA Initiatives

*Developing Quality Measures for Payers, Families, and Pediatricians*

- Testing the feasibility and identifying gaps in current measures (CMS)
  - South Carolina
  - Florida
- Developing new measures through the AHRQ PQMP Program
  - Mount Sinai Collaboration for Advancing Pediatric Quality Measures (CAPQuaM)
  - National Collaborative for Innovation in Quality Measurement (NCINQ)
  - Children’s Hospital Boston Center of Excellence for Pediatric Quality Measurement (CEPQM)
  - Pediatric Measurement Center of Excellence (PMCoE)
Identifying Quality Best Practices

• The AAP has developed several evidence-based recommendations to provide guidance to pediatricians for providing state-of-the-art best practices for children.

• These recommendations are developed using a rigorous process with active participation of national experts.

• An example of a best practice that has been spread to pediatricians across the country relates to Attention-deficit/hyperactivity disorder (ADHD).

CHIPRA Quality Measures (2012)

Expanding Age Range to 4y with emphasis on Behavioral Therapy

ADHD

Diagnosis, Evaluation, Treatment (2000-2001)

Multi-disciplinary, Collaborative Guideline (2011)
Quality Education for Pediatricians

*Education in Quality Improvement for Pediatric Practice (EQIP)*

- Online Quality Improvement CME Program
- Launched in 2002
- Electronic adaptation of ACQIP
  - Ambulatory Care Quality Improvement Program
- Robust quality improvement educational program
  - Evidence-based
  - Translates research into practice
  - Weaves QI principles (Model for Improvement) with clinical content
  - Interactive and action oriented
- Meets Maintenance of Certification requirements
Currently Available EQIPP Courses

• Give Your Immunization Rates a Shot in the Arm
• Differentiate and Manage – GER and GERD
• Bright Futures
• Medical Home for Primary Pediatric Care
• Eliminate Tobacco Use and Exposure
• Safe and Healthy Beginnings
• Newborn Screening (coming soon)
• Oral Health (coming soon)
PREP Activities

Meets MOC Part II

- PREP Hematology/Oncology Self-Assessment: 2011
- PREP Adolescent Medicine Self-Assessment: 2011
Engaging Physicians in Practice

Quality Improvement Innovation Network (QuIIN)

• Quality Improvement Networks
  – Practice Improvement Network
    • Practicing pediatricians and their staff – 282 members
  – Value in Inpatient Pediatrics Network
    • Pediatric hospitalists – 81 members
  – Experience in quality improvement
  – Innovators and early adopters

• Pediatric Testing Lab
  – Tests Improvements Using QI Science
  – Safe and Healthy Beginnings Improvement Project

• Final Deliverables
  – Tested Tool or Toolkit (Safe and Healthy Beginnings Toolkit)
  – Feasibility Feedback (Clinical Practice Guideline Recommendations, EQIPP courses, brochures, innovations)

• Meets Maintenance of Certification requirements
QuIN Activities

- Safe and Healthy Beginnings Improvement Project
- Practicing Safety: A Child Abuse and Neglect Prevention Project
- Newborn Screen Positive Infant ACTion Project
- National Performance Measures: Care for Children with Otitis Media with Effusion
- Bright Futures Preventive Services Improvement Project
- FL CHIPRA Pediatric Medical Home Demonstration Project
- Reduction in Pediatric Identification Band Errors: a Quality Collaborative
- Transitions of Care QI Collaborative
- Bronchiolitis (inpatient)
- Genetics in primary care
Chapter Quality Network (CQN) Asthma

*Spreading the Improvement*

- **Oregon**: 11 Practices, 59 Clinicians
- **Arkansas**: 3 Practices, 18 Clinicians
- **Ohio**: 17 Practices, 93 Clinicians
- **Maine**: 12 Practices, 50 Clinicians
- **Ohio (Partners for Kids)**: 19 Practices, 81 Clinicians
- **Alabama**: 9 Practices, 39 Clinicians

**Pilot Project**
- 49 Practices, 282 Clinicians

**CQN2**
- 48 Practices, 231 Clinicians
CQN2 Optima Asthma Care = % of encounters with assessment of asthma control, stepwise approach used to adjust treatment, written asthma action plan updated and reviewed, as needed and children with persistent asthma on a controller medication
Leveraging the Non-Health Care Experience for Quality Improvement

- LEAN – Boeing 787 Dreamliner
- Six Sigma – U.S. Army Army Repair Depot
- Management Sciences International Experience – Critical Care in U.S.
EHR Quality Research

**PROS Network**

- In 2010, the AAP PROS Network was awarded a grant to create an EHR-based subnetwork – ePROS - under a cooperative agreement from HRSA-MCHB

- ePROS uses practices with existing EHRs and builds on the existing PROS infrastructure and is modeled after an existing EHR-based family medicine network called DARTNet

- Survey of overall PROS Network (2009-10)
  - 155 (31%) had no EHR
  - 120 (24%) had a partial EHR
  - 226 (45%) had a full EHR
Translating Research to Practice through Quality Improvement

American Academy of Pediatrics – The Voice for Children

Fostering Partnerships Between Pediatricians, Families, Payers, Policy Makers

- Developing Quality Best Practices
- Supporting Pediatricians – Education, Testing, and Spread of QI
- Measuring Quality for Continuous Improvement

Improve Child Health Outcomes

Strategic alignment across member organizations

Population Outcomes for Adults in U.S.